

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/JP2005/009216

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G02F1/1335 G02F1/139

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 016, no. 241 (P-1363), 3 June 1992 (1992-06-03) -& JP 04 052625 A (RICOH CO LTD), 20 February 1992 (1992-02-20) cited in the application abstract	1-7, 10-16
A	US 6 014 195 A (SAKAMOTO ET AL) 11 January 2000 (2000-01-11) column 39, line 1 - column 40, line 67; figures 75-78	7-16
A	EP 0 846 975 A (SEIKO EPSON CORPORATION) 10 June 1998 (1998-06-10) the whole document	1 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*G\* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
21 July 2005	29/07/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 404 236 A (HARTMANN ET AL) 4 April 1995 (1995-04-04). the whole document -----	7
X,P	WO 2004/042687 A (CANON KABUSHIKI KAISHA; ASA0, YASUFUMI; ISOBE, RYUICHIRO) 21 May 2004 (2004-05-21) page 31, line 13 - page 38, line 12; figures 2E,18,20 -----	7,10-14

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